

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047738.D
 Acq On : 28 Mar 2022 19:16
 Operator : SY/MD
 Sample : N2081-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y1

Quant Time: Mar 29 01:47:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

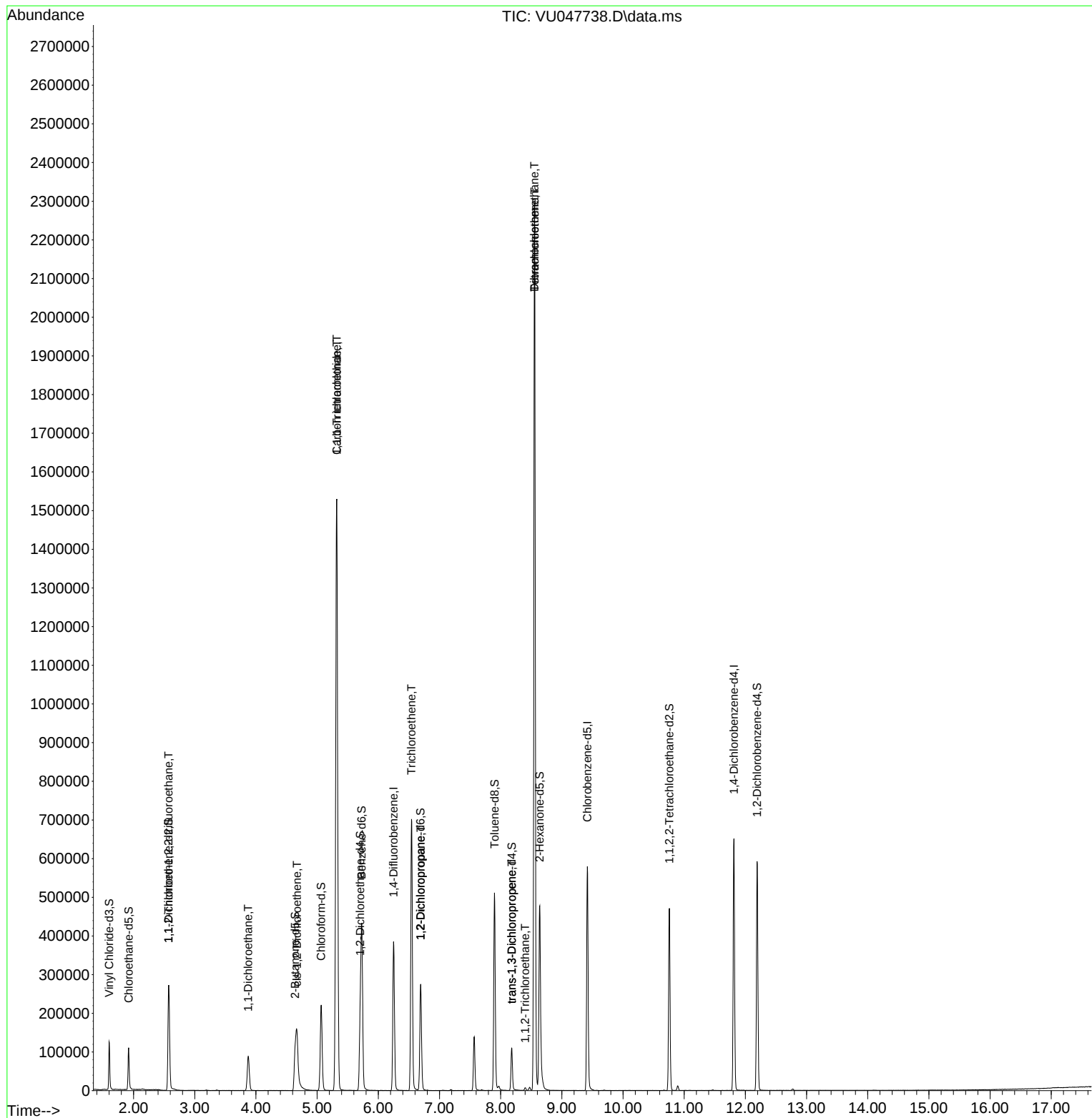
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329405	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	340489	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91489	38.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.600%
7) Chloroethane-d5	1.919	69	83868	44.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.060%
11) 1,1-Dichloroethene-d2	2.571	63	146953	33.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.240%
21) 2-Butanone-d5	4.642	46	239672	116.896	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.900%
24) Chloroform-d	5.067	84	205388	46.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	5.703	65	134587	50.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
32) Benzene-d6	5.729	84	406894	47.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
36) 1,2-Dichloropropane-d6	6.690	67	133876	50.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	7.899	98	351245	42.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.160%
43) trans-1,3-Dichloroprop...	8.182	79	61465	46.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.636	63	184279	119.638	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	229071	50.729	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.460%
66) 1,2-Dichlorobenzene-d4	12.192	152	168081	51.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.880%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1472	0.606	ug/L #	18
19) 1,1-Dichloroethane	3.874	63	101695	24.194	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	47112	17.632	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	1107404	286.833	ug/L	99
31) Carbon tetrachloride	5.321	117	154756	44.390	ug/L	99
34) Trichloroethene	6.542	95	236659	91.592	ug/L	98
37) 1,2-Dichloropropane	6.694	63	14455	5.769	ug/L #	87
44) trans-1,3-Dichloropropene	8.182	75	2776	0.715	ug/L #	81
45) 1,1,2-Trichloroethane	8.401	97	2427	0.913	ug/L	93
46) Tetrachloroethene	8.555	164	537872	231.649	ug/L	98
49) Dibromochloromethane	8.552	129	489076	158.914	ug/L #	11

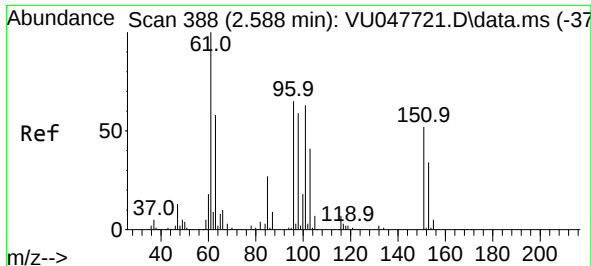
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.606 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047738.D

Acq: 28 Mar 2022 19:16

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MSVOA_U

ClientSampleId :

EW5Y1

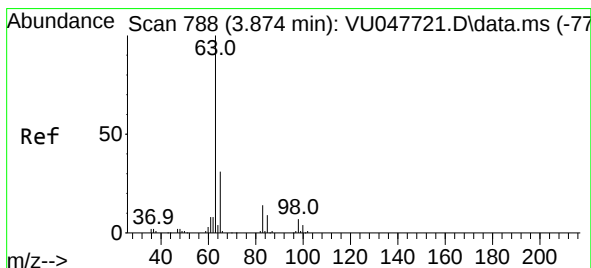
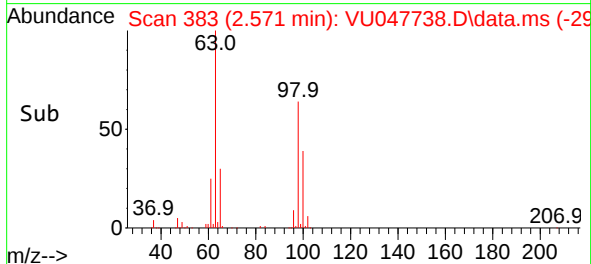
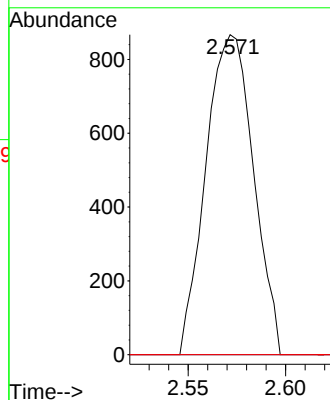
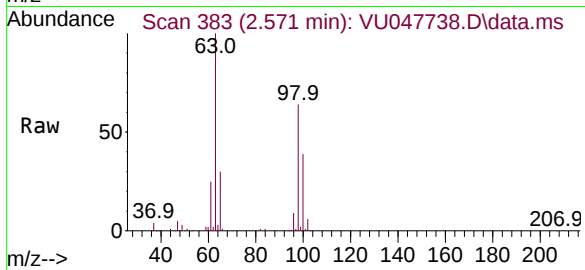
Tgt Ion:101 Resp: 1472

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#19

1,1-Dichloroethane

Concen: 24.194 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047738.D

Acq: 28 Mar 2022 19:16

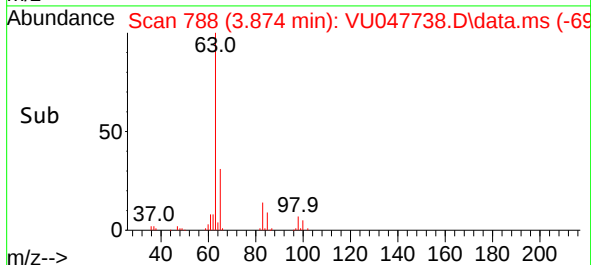
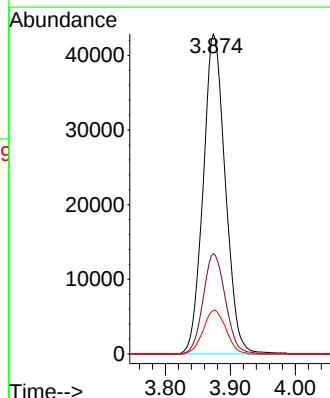
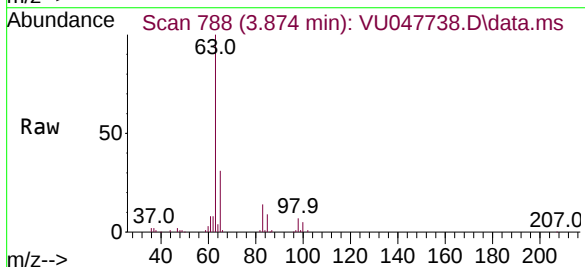
Tgt Ion: 63 Resp: 101695

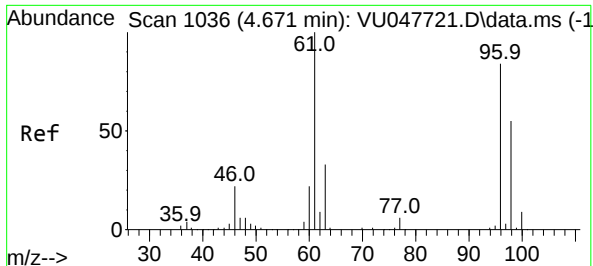
Ion Ratio Lower Upper

63 100

65 31.4 22.0 41.0

83 13.6 9.7 18.1

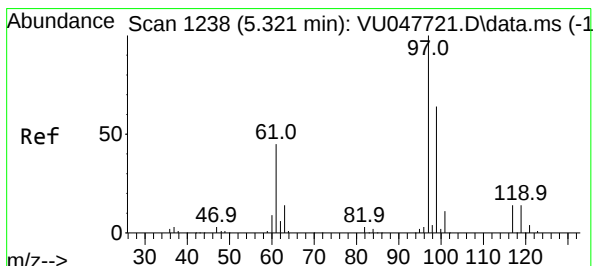
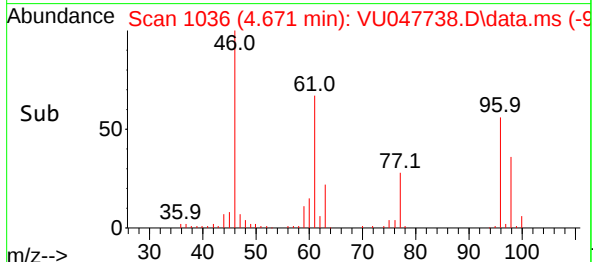
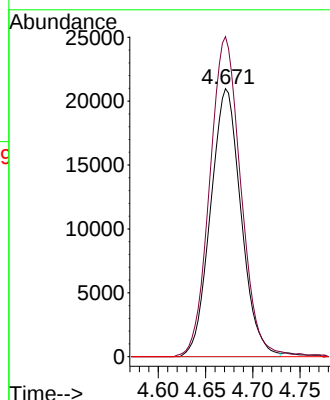
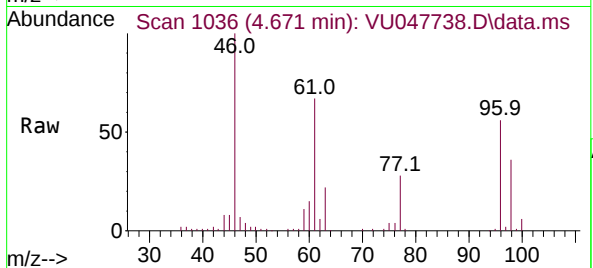




#20
 cis-1,2-Dichloroethene
 Concen: 17.632 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047738.D
 Acq: 28 Mar 2022 19:16

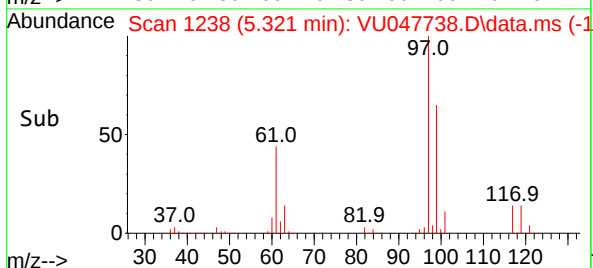
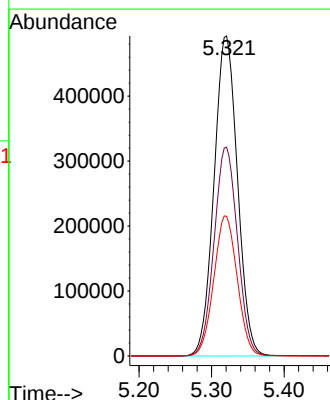
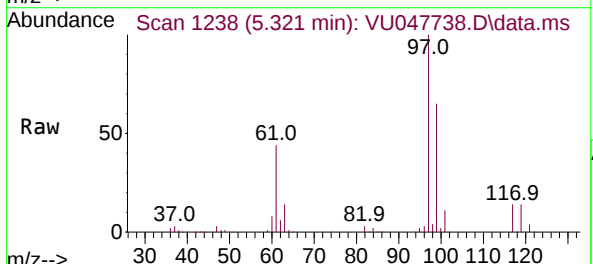
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y1

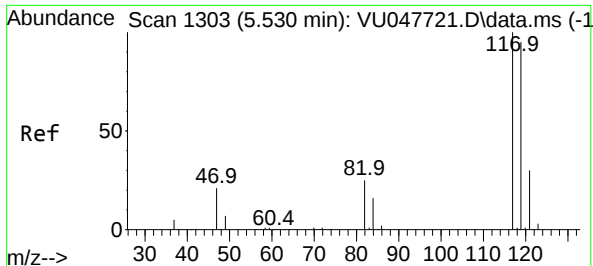
Tgt Ion: 96 Resp: 47112
 Ion Ratio Lower Upper
 96 100
 61 119.4 80.7 149.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 286.833 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU047738.D
 Acq: 28 Mar 2022 19:16

Tgt Ion: 97 Resp: 1107404
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.6 77.4
 61 43.7 34.2 51.4

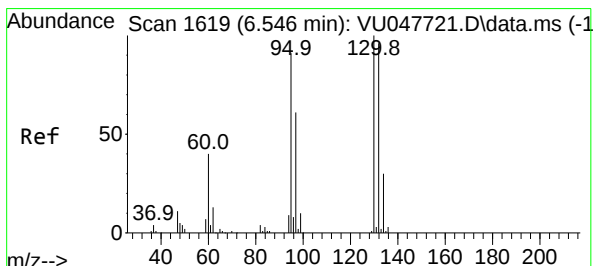
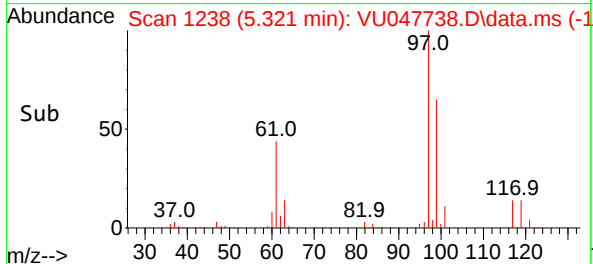
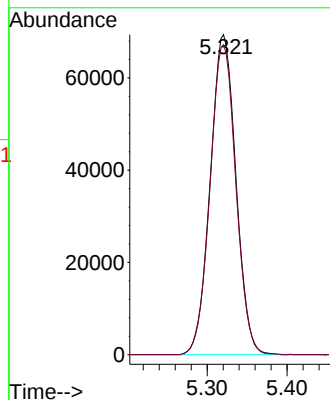
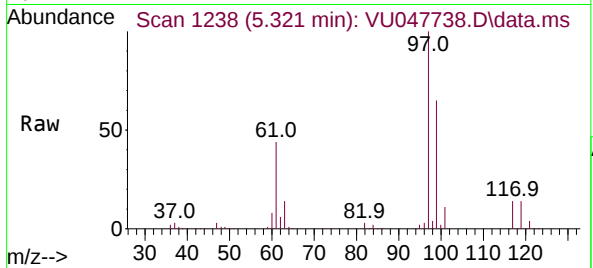




#31
Carbon tetrachloride
Concen: 44.390 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

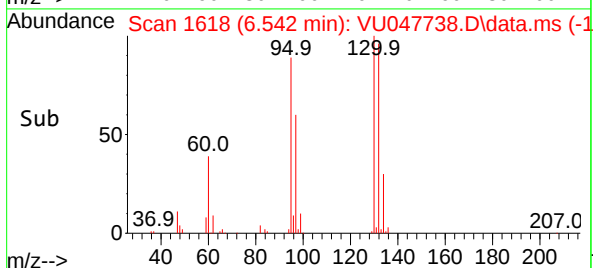
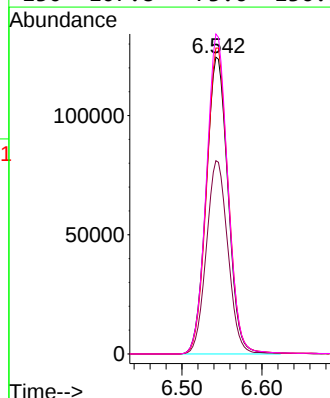
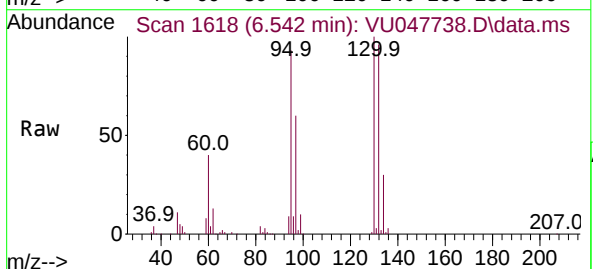
Instrument :
MSVOA_U
ClientSampleId :
EW5Y1

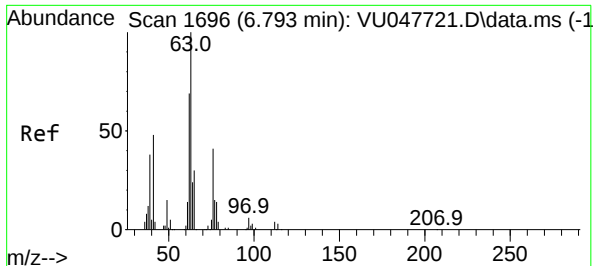
Tgt Ion:117 Resp: 154756
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8



#34
Trichloroethene
Concen: 91.592 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

Tgt Ion: 95 Resp: 236659
Ion Ratio Lower Upper
95 100
97 65.1 44.7 82.9
132 103.1 70.4 130.8
130 107.8 73.6 136.8

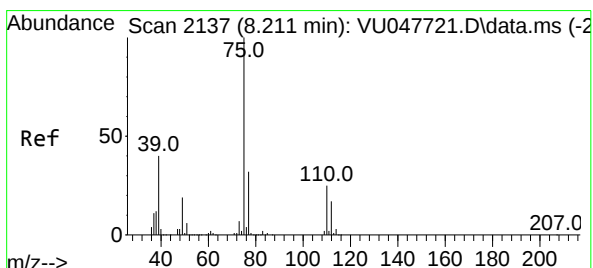
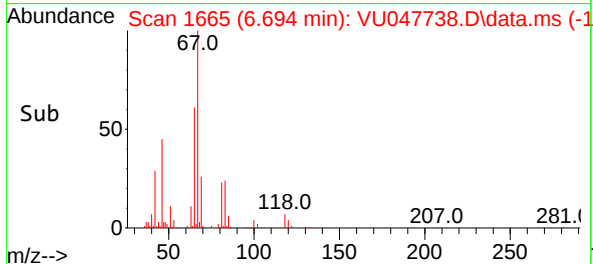
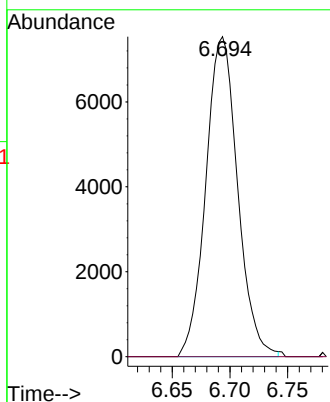
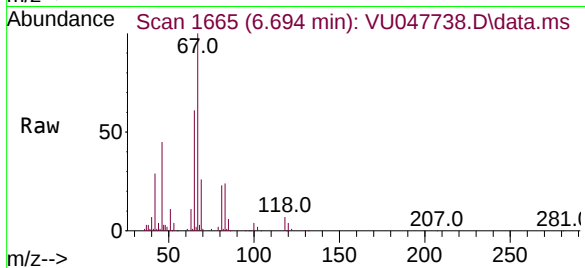




#37
1,2-Dichloropropane
Concen: 5.769 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

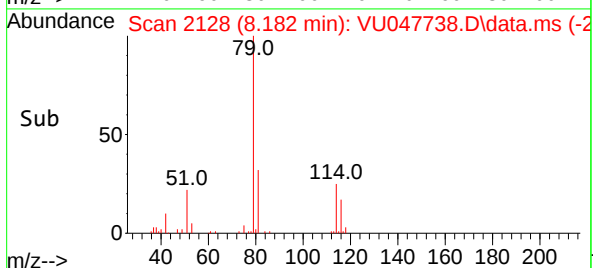
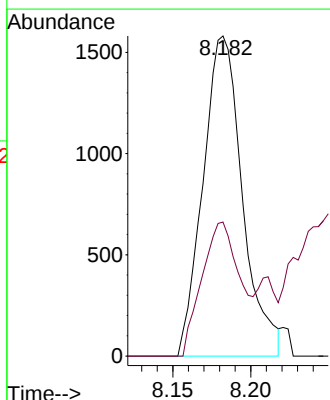
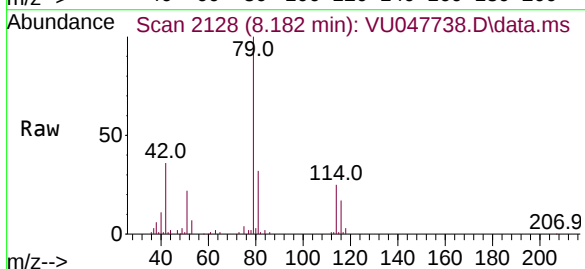
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ClientSampleId :
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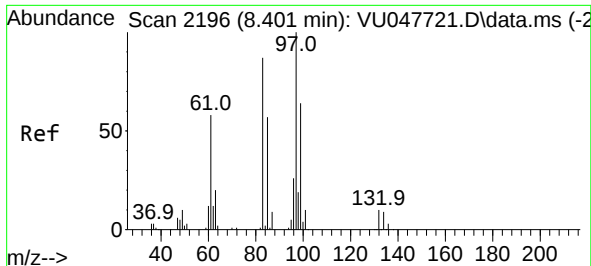
Tgt Ion: 63 Resp: 14455
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#44
trans-1,3-Dichloropropene
Concen: 0.715 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

Tgt Ion: 75 Resp: 2776
Ion Ratio Lower Upper
75 100
77 41.9 22.0 40.8#

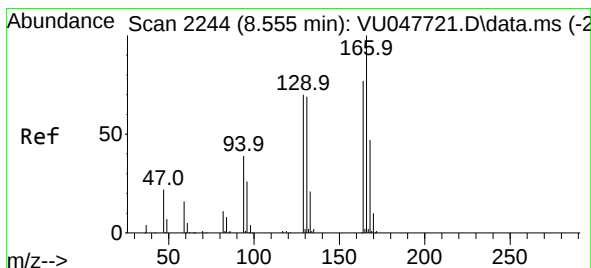
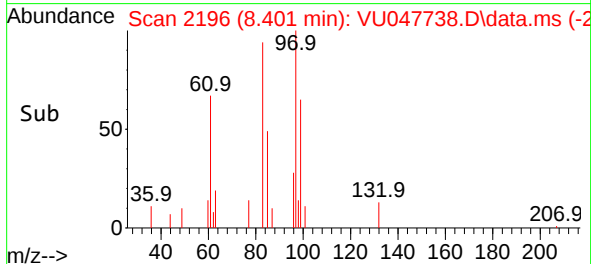
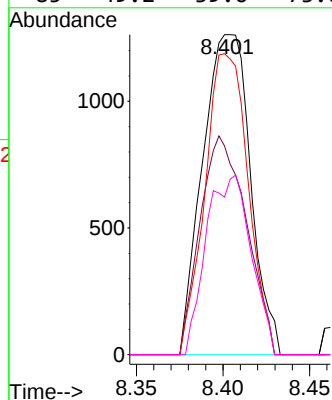
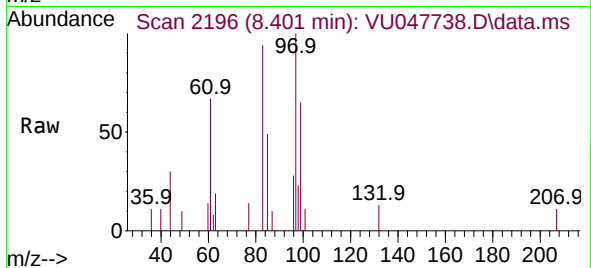




#45
1,1,2-Trichloroethane
Concen: 0.913 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

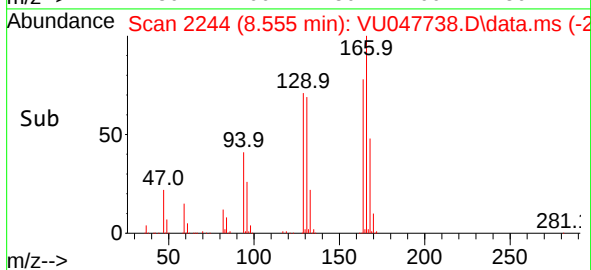
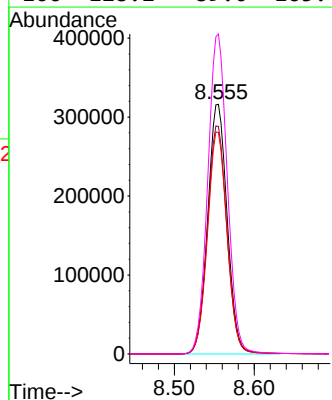
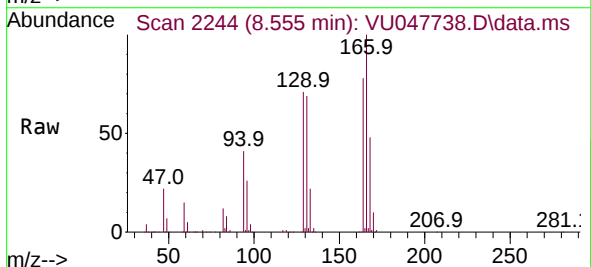
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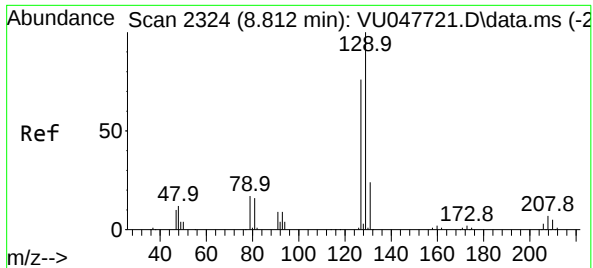
Tgt Ion:	97	Resp:	2427
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.3	80.3
83	94.1	61.0	113.4
85	49.2	39.6	73.6



#46
Tetrachloroethene
Concen: 231.649 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047738.D
Acq: 28 Mar 2022 19:16

Tgt Ion:	164	Resp:	537872
Ion	Ratio	Lower	Upper
164	100		
129	91.2	62.4	116.0
131	88.7	60.7	112.7
166	128.2	89.0	165.4





#49
 Dibromochloromethane
 Concen: 158.914 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VU047738.D
 Acq: 28 Mar 2022 19:16

Instrument :
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Tgt Ion:129 Resp: 489076
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.2 100.6#

